

*(use as many sheets as necessary)*

<b>Application Number</b>	10/750,067
<b>Filing Date</b>	12-30-03
<b>First Named Inventor:</b>	Nikolai G. Nikolov
<b>Art Unit</b>	2192
<b>Examiner Name</b>	Kendall, Chuck O.
<b>Attorney Docket Number</b>	6570P034

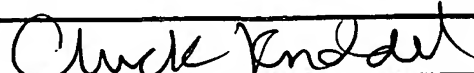
[illegible]

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>1</sup> Number <sup>1</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Chuck Kendall	Date Considered	10/01/07
-----------------------	---------------	-----------------	----------

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Substitute for Form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/750,067
				Filing Date	12-30-03
				First Named Inventor:	Nikolai G. Nikolov
				Art Unit	2192
				Examiner Name	Kendall, Chuck O.
Sheet	2	of	3	Attorney Docket Number	6570P034
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	www.w3.org/TR/DOM-Level-2-Core/introduction.html <u>What is Document Object Model?</u> , 13 November 2000, pp. 1-7.			T <sup>2</sup>
ck		www.cafeonleche.org/books/xmljava/chapters/ch09.html Chapter 9, <u>The Document Object Model</u> , 2001, 2002, pp. 1-2.			
		www.cafeonleche.org/books/xmljava/chapters/ch09s04.html Chapter 9, <u>The document Object Model, Trees</u> , 2001, 2002, pp. 1-10.			
		www.cafeonleche.org/books/xmljava/chapters/ch09s05.html Chapter 9, <u>The Document Object Model DOM Parsers for Java</u> , 2001, 2002, pp. 1-3.			
		www.cafeonleche.org/books/xmljava/chapters/ch09x06.html Chapter 9, <u>The Document Object Model Parsing documents with a DOM Parser</u> , 2001, 2002, pp. 1-10.			
		www.cafeonleche.org/books/xmljava/chapters/ch09s09.html Chapter 9, <u>The Document Object Model JAXP Serialization</u> , 2001, 2002, pp. 1-3.			

Examiner Signature		Date Considered	12/01/07
--------------------	---	-----------------	----------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.  
 If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/750,067
				Filing Date	12-30-03
				First Named Inventor:	Nikolai G. Nikolov
				Art Unit	2192
				Examiner Name	Kendall, Chuck O.
Sheet	3	of	3	Attorney Docket Number	6570P034
<b>RELATED PATENT APPLICATION INFORMATION</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
OK		NIKOLAI G. NIKOLOV, "EXECUTION OF MODIFIED BYTE CODE FOR DEBUGGING, TESTING AND/OR MOINTORING OF OBJECT ORIENTED SOFTWARE", Serial number 10/749,617, filed on December 30, 2003, Office Action mailed January 18, 2007. Copy of the Office Action and claims as they were amended in response to the office action.			
OK		NIKOLAI G. NIKOLOV, "CLASSFILE CONVERSION INTO AN OGRANIZAITION OF OBJECTS, AND MODIFICATION THEREOF, TO EFFECT BYTECODE MODIFICATION", Serial number 10/750,396, filed on December 30, 2003, Notice of Allowance mailed January 3, 2007. Copy of the Office Action and claims as allowed.			

Examiner Signature	Chuck Kendall	Date Considered	12/30/07
--------------------	---------------	-----------------	----------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

*(use as many sheets as necessary)*

**Complete if Known**

Application Number	10/750,067
--------------------	------------

<b>Filing Date</b>	12/03/2003
--------------------	------------

First Named Inventor:	Nikolai G. Nikolov
-----------------------	--------------------

Art Unit	2819
----------	------

Examiner Name	Unassigned
---------------	------------

Attorney Docket Number	006570.P034
------------------------	-------------

**STADENABE**

1

of

3

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.**  
**SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

<b>Substitute for Form 1449/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/750,067	
			Filing Date	12/03/2003	
			First Named Inventor:	Nikolai G. Nikolov	
			Art Unit	2819	
Examiner Name	Unassigned				
Sheet	2	of	3	Attorney Docket Number	6570.P034
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
CK		IAN WELCH, et al., "Kava- A Reflective Java Based on Bytecode Rewriting" SpringerLink -Verlag Berling Heidelberg 2000, Chapter, Lecture Notes in Computer Science, W. Cazzola, et al. Editors, Reflection and Software Engineering, LNCS, pages 155-167.			
		Wily Technology, Inc., Wily Solutions "How Introscope® Works" - Enterprise Application Management, <a href="http://www.wilytech.com/solutions/products/howWorks.html">http://www.wilytech.com/solutions/products/howWorks.html</a> , 1999-2004, printed 7/2/2004 (1 page).			
		BEN STEPHENSON, et al., "Characterization and Optimization of Java Applications" Department of Computer Science, Abstract in Western Research Forum Program & Abstracts, page 20, 2003.			
		Wily Technology, Inc., Wily Solutions "Wily Introscope®" - Enterprise Application Management, <a href="http://www.wilytech.com/solutions/products/Introscope.html">http://www.wilytech.com/solutions/products/Introscope.html</a> , 1999-2004, printed 7/2/2004 (2 pgs.).			
		Sun Microsystems, Java - J2EE 1.4 Application Server Developer's Guide, "Debugging J2EE Applications" Chapter 4, <a href="http://java.sun.com/j2ee/1.4/docs/devguide/dgdebug.html">http://java.sun.com/j2ee/1.4/docs/devguide/dgdebug.html</a> , 2003, printed 7/2/2004 (11 pgs.).			
		Wily Technology, Inc., Wily Technology, Inc., Wily Solutions "The Wily 5 Solution - Enterprise Applications are Your Business", <a href="http://www.wilytech.com/solutions/ibm_family.html">http://www.wilytech.com/solutions/ibm_family.html</a> , 1999-2004, printed 7/2/2004 (2 pgs.).			
		AJAY CHANDER et al., "Mobile Code Security by Java Bytecode Instrumentation", Proceedings of the DARPA Information Survivability Conference & Exposition DISCEX-II 2001, June 12-14, 2001, Stanford University and University of Pennsylvania, [*Partially supported by DARPA contract N66001-00-C-8015 and ONR grant N00014-97-1-0505] (14 pgs.)			
		Mobile-Code Security Mechanisms for Jini - "Mobile-Code Security Mechanisms for Jini" Download code, DISCEX 2001 Paper, <a href="http://theory.stanford.edu/people/jcm/software/jinifilter.html">http://theory.stanford.edu/people/jcm/software/jinifilter.html</a> , printed 7/2/2004 - (3 pgs.)			
		ALLEN GOLDBERG, et al., "Instrumentation of Java Bytecode for Runtime Analysis", Fifth ECOOP Workshop on Formal Techniques for Java-like Programs, July 21, 2003, Kestrel Technology, NASA Ames Research Center, Moffett Field, California USA, (9 pgs.).			
		ALGIS RUDYS, et al., "Enforcing Java Run-Time Properties Using Bytecode Rewriting", International Symposium on Software Security (Tokyo, Japan), November 2002, Rice University, Houston, TX 77005, USA (16 pgs.).			
		HAN BOK LEE, et al., "BIT: A Tool for Instrumenting Java Bytecodes", originally published in the Proceedings of the USENIX Symposium on Internet Technologies and Systems, Monterey, California, December 1997, <a href="http://www.usenix.org/">www.usenix.org/</a> (11 pgs.).			

Examiner Signature		Date Considered	12/01/07
--------------------	---	-----------------	----------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<b>Substitute for Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/750,067
				Filing Date	12/03/2003
				First Named Inventor:	Nikolai G. Nikolov
				Art Unit	2819
				Examiner Name	Unassigned
				Attorney Docket Number	6570.P034
Sheet	3	of	3		
<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
al		REINHOLD PLÖSH, Johannes Kepler University Linz, Austria, "Evaluation of Assertion Support for the Java Programming Language", JOT: Journal of Object Technology, Vol. 1, No. 3, Special issue: TOOLS USA 2002 Proceedings, pp. 5-17, <a href="http://www.jot.fm/issues/issue_2002_08/article1">http://www.jot.fm/issues/issue_2002_08/article1</a>			
		ETIENNE GAGNON, et al., "Effective Inline-Threaded Interpretation of Java Bytecode Using Preparation Sequences", Sable Research Group, Université du Québec à Montréal and McGill University, Montreal, Canada, January 2003 (15 pgs.).			
		GEOFF A. COHEN, et al., Software-Practice and Experience, [Version: 2000/03/06 v2.1] "An Architecture for Safe Bytecode Insertion", Department of Computer Science, Duke University (27 pgs.)			
		REYNALD AFFELDT, et al., "Supporting Objects in Run-Time Bytecode Specialization", Department of Graphics and Computer Science, University of Tokyo, ASIA-PEPM '02, September 12-17, 2002, ACM, pp. 50-60.			
		NATHAN MACRIDES, Security Techniques for Mobile Code "SANS Security Essentials (GSEC) Practical Assignment Version 1.4", July 11, 2002, (11 pgs.)			
		DYLAN McNAMEE, et al., "Specialization Tools and Techniques for Systematic Optimization of System Software", Oregon Graduate Institute of Science & Technology, and University of Rennes/IRISA, ACM Transactions on Computer Systems, 2001 (30 pgs.)			
		WEN LI, et al., "Collaboration Transparency in the DISCIPLE Framework", CAIP Center, Rutgers – The State University of New Jersey, Piscataway, NJ, USA, Proceeding of the ACM International Conference on Supporting Group Work (Group '99) November 14-17, 1999, Phoenix, AZ, (10 pgs.)			
		JONATHAN DAVIES, et al., Proceedings of the 2nd international conference on "An Aspect Oriented Performance Analysis Environment", 10 pgs., 2003, Boston, Massachusetts, March 17 - 21, 2003, New York ACM Press.			
		PETER W. GILL, "Probing for a Continued Validation Prototype", a Thesis Submitted to the Faculty of the Worcester Polytechnic Institute, May 2001, (111 pages)			

Examiner Signature	<i>Amal Khandau</i>	Date Considered	<i>12/01/07</i>
--------------------	---------------------	-----------------	-----------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.  
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.